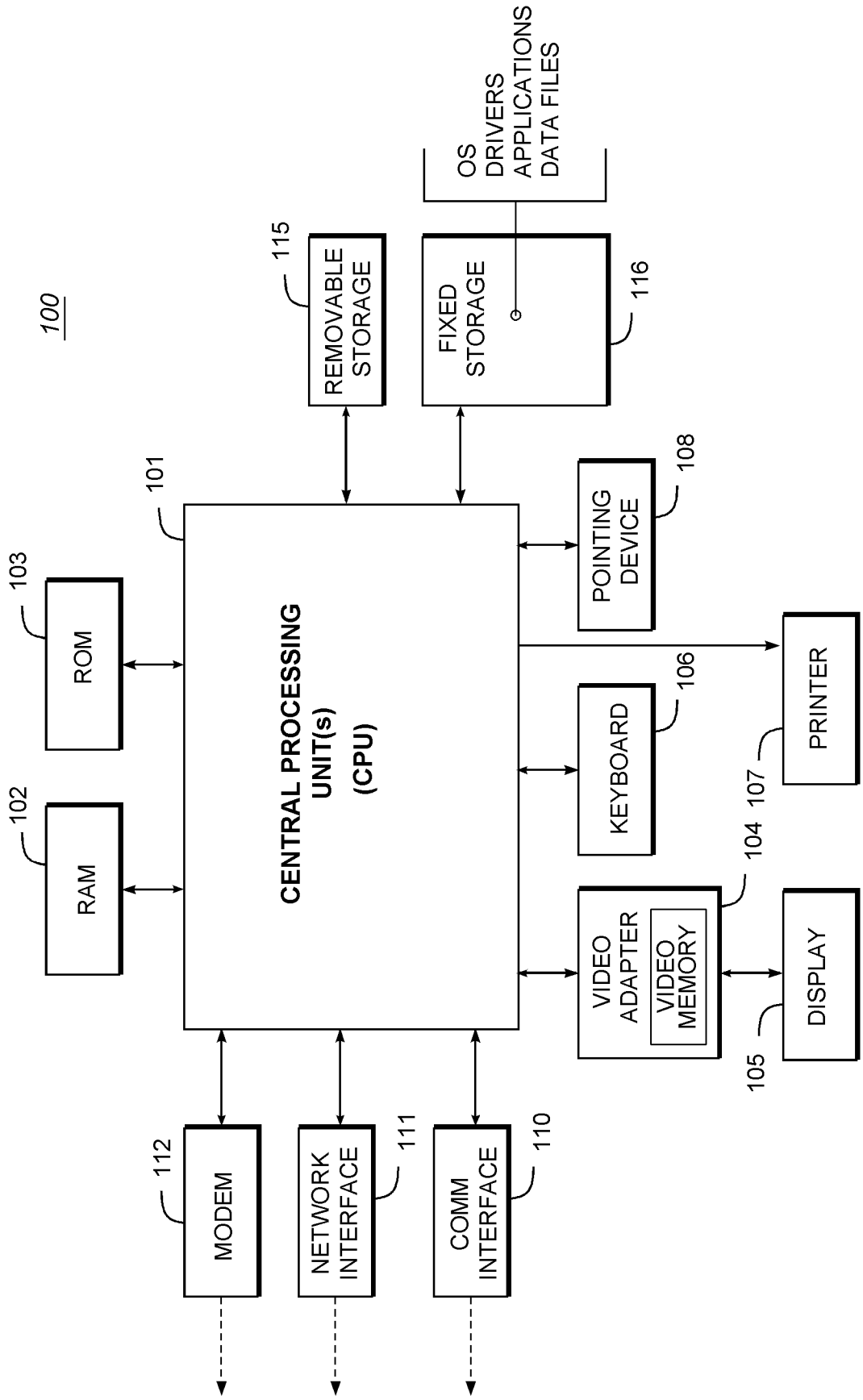

FIG. 1
(PRIOR ART)

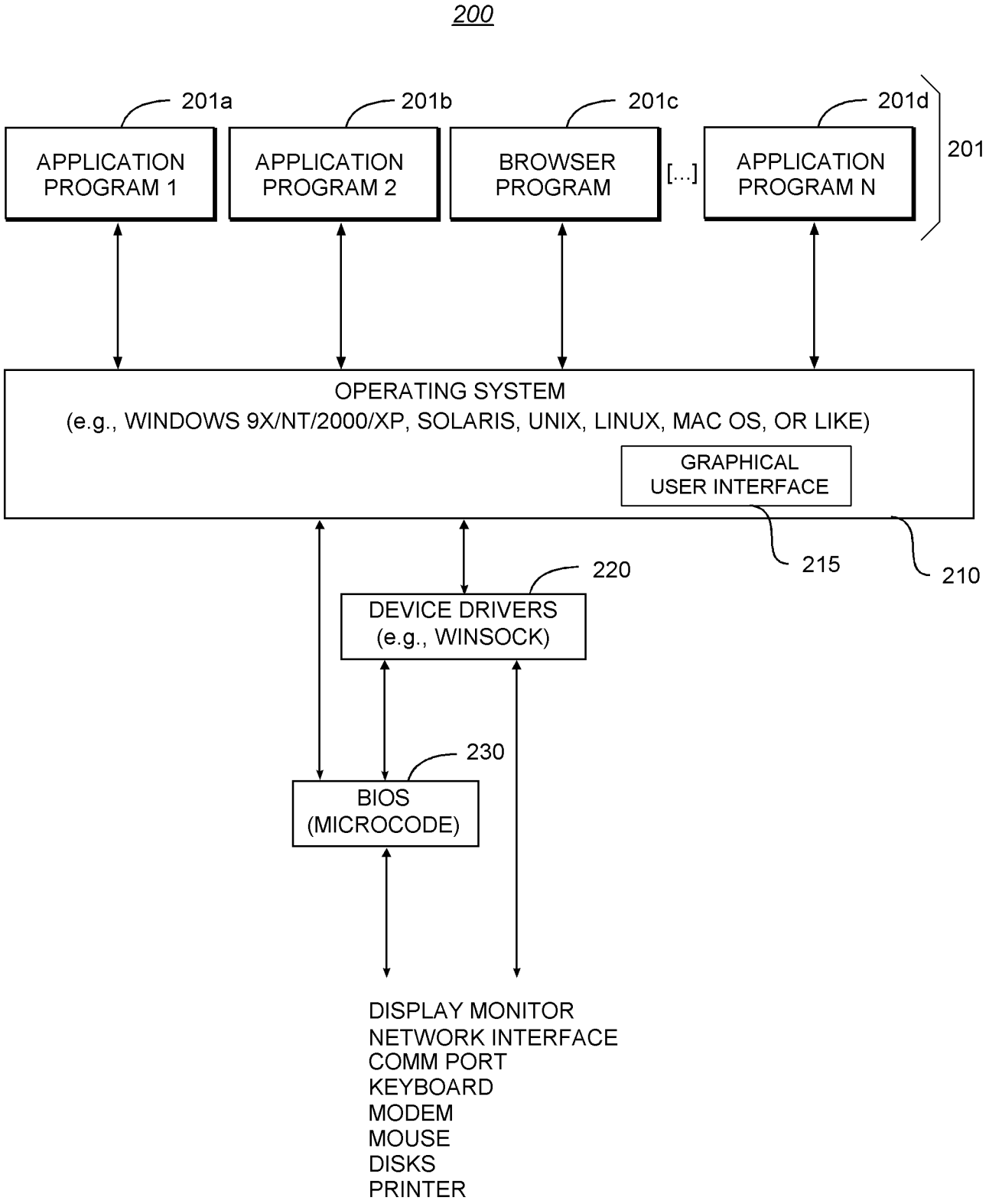
200
201a
201b
201c
201d
201
APPLICATION PROGRAM 1
APPLICATION PROGRAM 2
BROWSER PROGRAM
[...]
APPLICATION PROGRAM N
OPERATING SYSTEM
(e.g., WINDOWS 9X/NT/2000/XP, SOLARIS, UNIX, LINUX, MAC OS, OR LIKE)
GRAPHICAL USER INTERFACE
215
210
220
DEVICE DRIVERS
(e.g., WINSOCK)
230
BIOS
(MICROCODE)
DISPLAY MONITOR
NETWORK INTERFACE
COMM PORT
KEYBOARD
MODEM
MOUSE
DISKS
PRINTER

FIG. 2

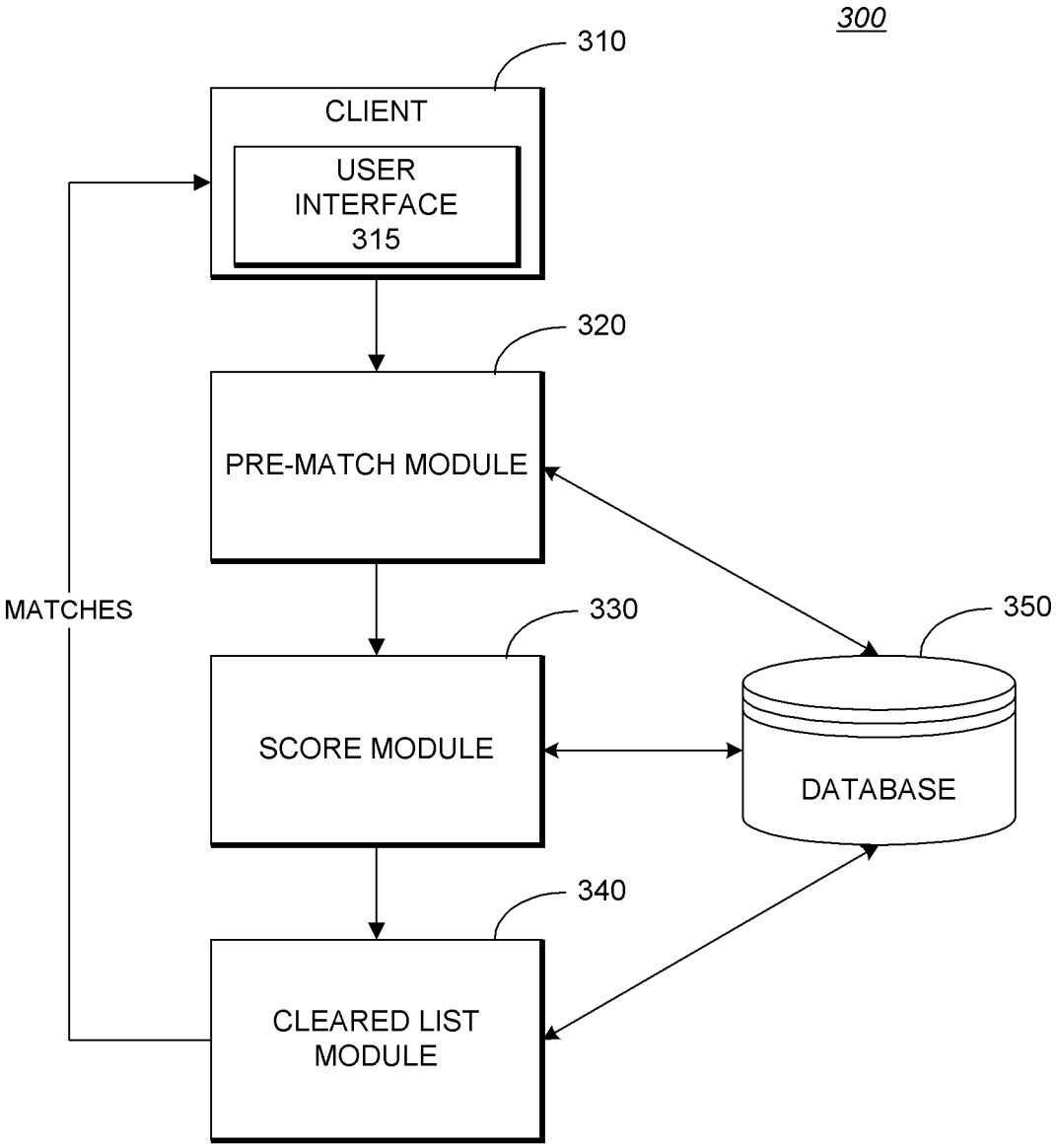
300
310
CLIENT
USER INTERFACE 315
320
PRE-MATCH MODULE
MATCHES
330
SCORE MODULE
350
DATABASE
340
CLEARED LIST MODULE

FIG. 3

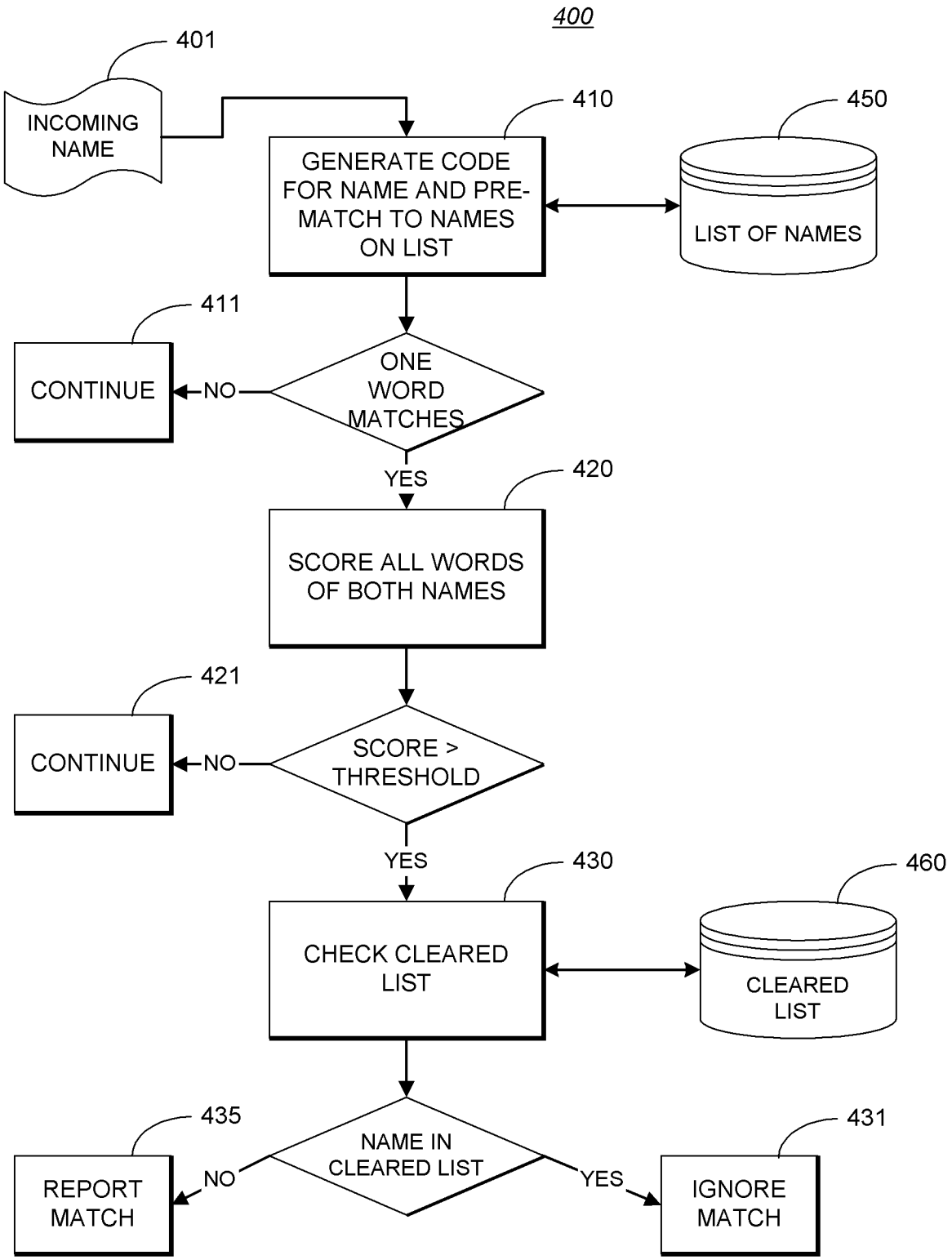
400
401
INCOMING NAME
410
GENERATE CODE FOR NAME AND PRE-MATCH TO NAMES ON LIST
450
LIST OF NAMES
411
CONTINUE
NO
ONE WORD MATCHES
YES
420
SCORE ALL WORDS OF BOTH NAMES
421
CONTINUE
NO
SCORE > THRESHOLD
YES
430
CHECK CLEARED LIST
460
CLEARED LIST
435
REPORT MATCH
NO
NAME IN CLEARED LIST
YES
431
IGNORE MATCH

FIG. 4A

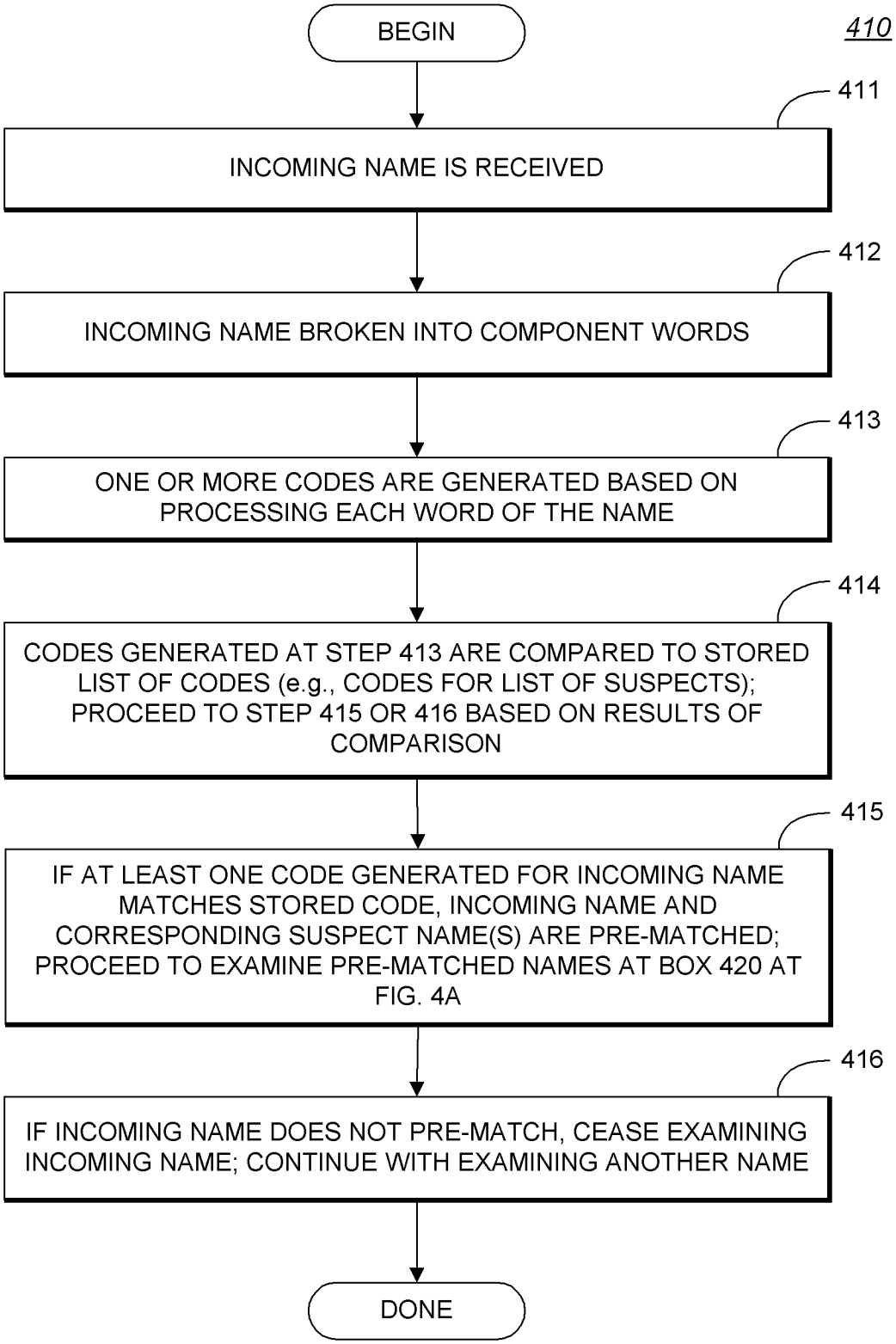
BEGIN
410
411
INCOMING NAME IS RECEIVED
412
INCOMING NAME BROKEN INTO COMPONENT WORDS
413
ONE OR MORE CODES ARE GENERATED BASED ON PROCESSING EACH WORD OF THE NAME
414
CODES GENERATED AT STEP 413 ARE COMPARED TO STORED LIST OF CODES (e.g., CODES FOR LIST OF SUSPECTS); PROCEED TO STEP 415 OR 416 BASED ON RESULTS OF COMPARISON
415
IF AT LEAST ONE CODE GENERATED FOR INCOMING NAME MATCHES STORED CODE, INCOMING NAME AND CORRESPONDING SUSPECT NAME(S) ARE PRE-MATCHED; PROCEED TO EXAMINE PRE-MATCHED NAMES AT BOX 420 AT FIG. 4A
416
IF INCOMING NAME DOES NOT PRE-MATCH, CEASE EXAMINING INCOMING NAME; CONTINUE WITH EXAMINING ANOTHER NAME
DONE

FIG. 4B

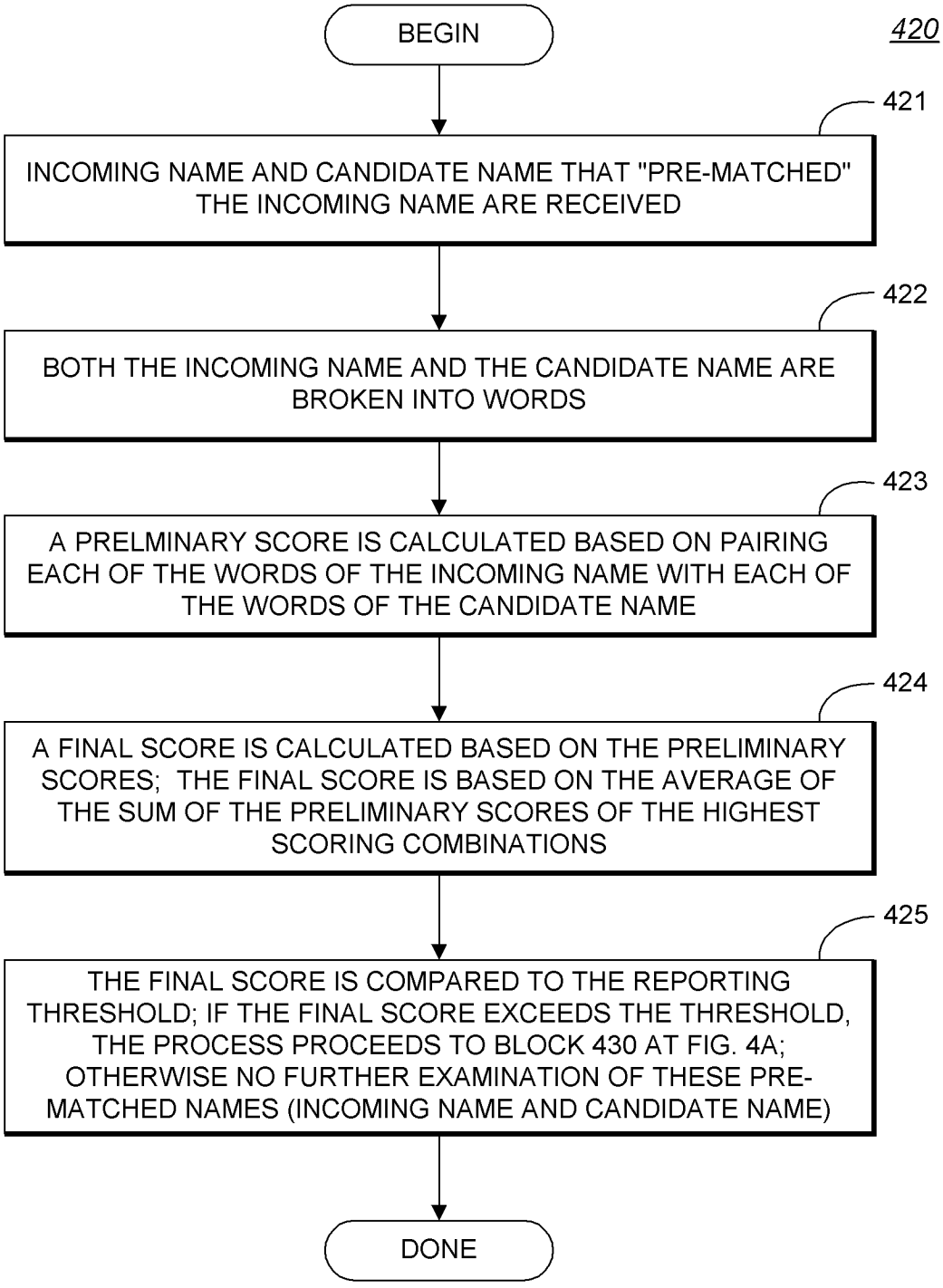
BEGIN
420
421
INCOMING NAME AND CANDIDATE NAME THAT "PRE-MATCHED" THE INCOMING NAME ARE RECEIVED
422
BOTH THE INCOMING NAME AND THE CANDIDATE NAME ARE BROKEN INTO WORDS
423
A PRELMINARY SCORE IS CALCULATED BASED ON PAIRING EACH OF THE WORDS OF THE INCOMING NAME WITH EACH OF THE WORDS OF THE CANDIDATE NAME
424
A FINAL SCORE IS CALCULATED BASED ON THE PRELIMINARY SCORES; THE FINAL SCORE IS BASED ON THE AVERAGE OF THE SUM OF THE PRELIMINARY SCORES OF THE HIGHEST SCORING COMBINATIONS
425
THE FINAL SCORE IS COMPARED TO THE REPORTING THRESHOLD; IF THE FINAL SCORE EXCEEDS THE THRESHOLD, THE PROCESS PROCEEDS TO BLOCK 430 AT FIG. 4A; OTHERWISE NO FURTHER EXAMINATION OF THESE PRE-MATCHED NAMES (INCOMING NAME AND CANDIDATE NAME)
DONE

FIG. 4C

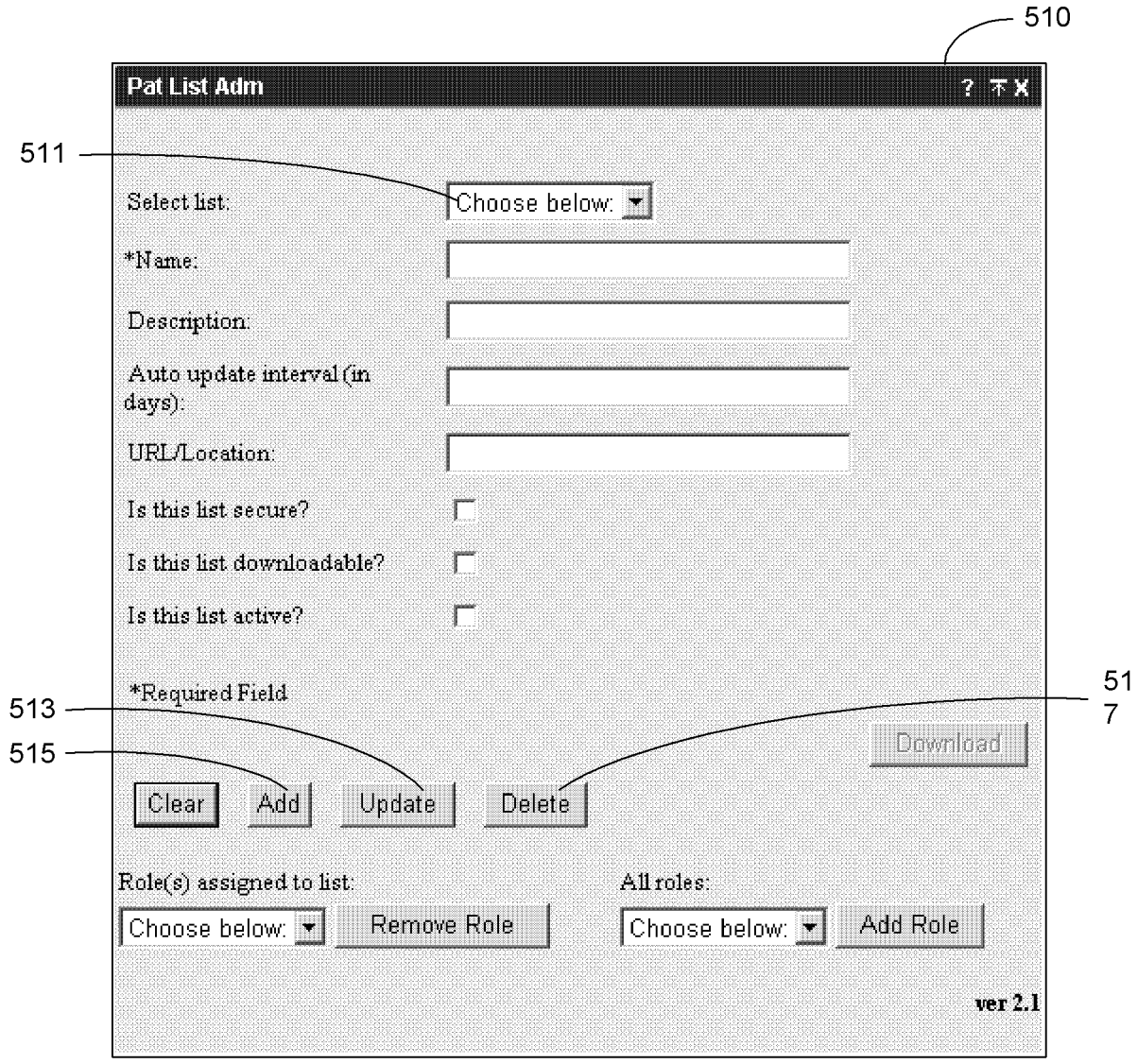
510
Pat List Adm
511
Select list:
Choose below:
*Name:
Description:
Auto update interval (in days):
URL/Location:
Is this list secure?
Is this list downloadable?
Is this list active?
*Required Field
513
515
517
Download
Clear
Add
Update
Delete
Role(s) assigned to list:
Choose below:
Remove Role
All roles:
Choose below:
Add Role
ver 2.1

FIG. 5A

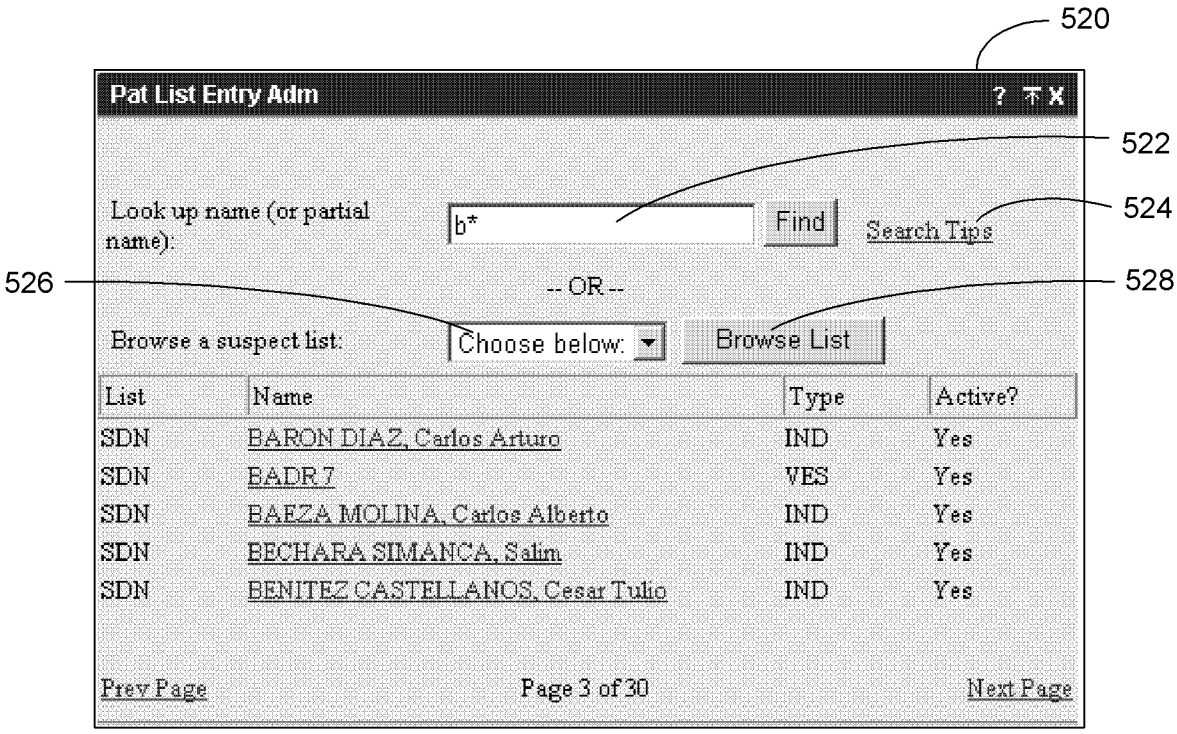
520
Pat List Entry Adm
? X
522
Look up name (or partial name):
b*
Find
524
Search Tips
526
-- OR --
528
Browse a suspect list:
Choose below:
Browse List
List
Name
Type
Active?
SDN
BARON DIAZ, Carlos Arturo
IND
Yes
SDN
BADR 7
VES
Yes
SDN
BAEZA MOLINA, Carlos Alberto
IND
Yes
SDN
BECHARA SIMANCA, Salim
IND
Yes
SDN
BENITEZ CASTELLANOS, Cesar Tulio
IND
Yes
Prev Page
Page 3 of 30
Next Page

FIG. 5B

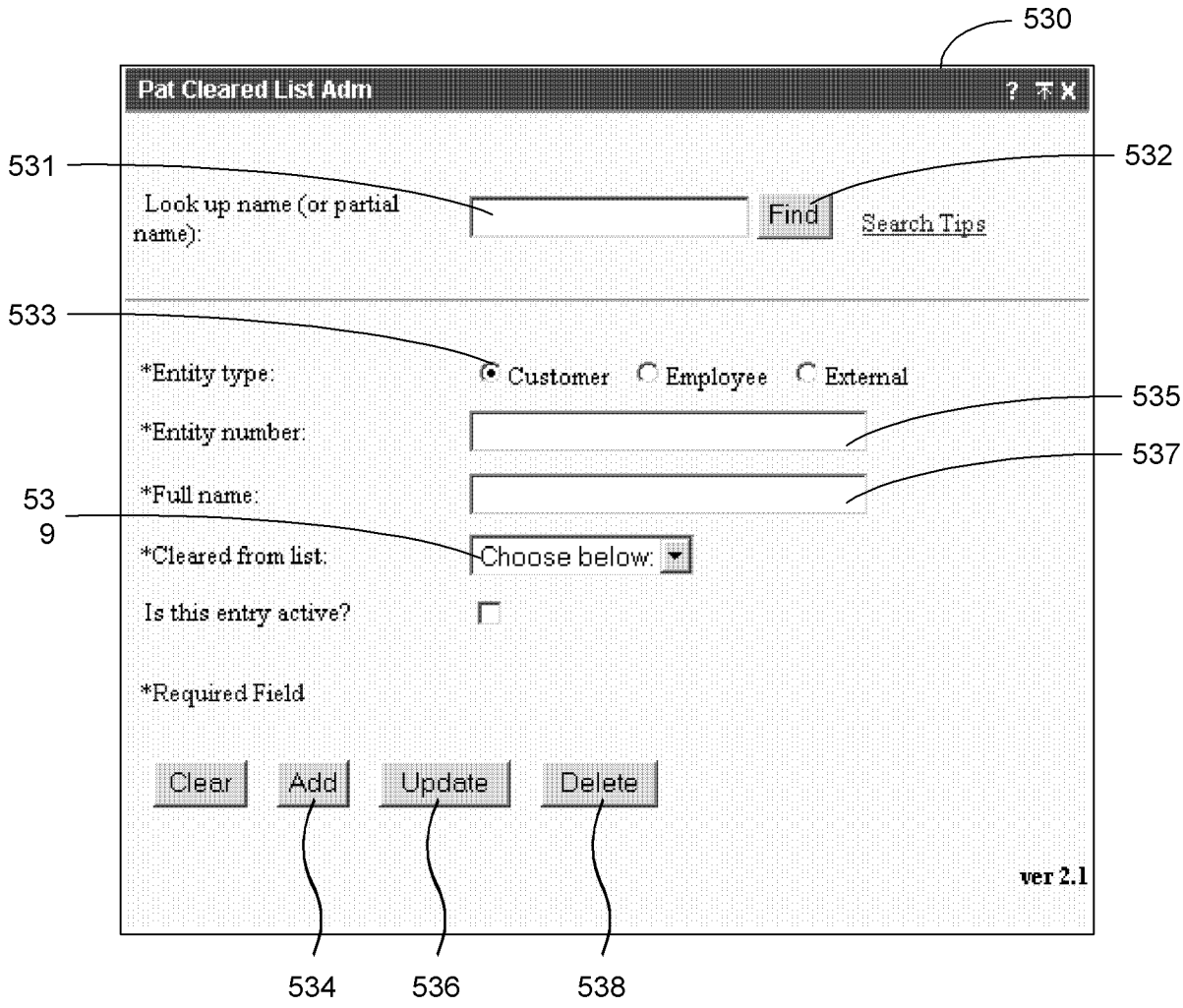
530
Pat Cleared List Adm
? X
531
532
Look up name (or partial name):
Find
Search Tips
533
*Entity type:
Customer
Employee
External
535
*Entity number:
537
*Full name:
53
9
*Cleared from list:
Choose below:
Is this entry active?
*Required Field
Clear
Add
Update
Delete
ver 2.1
534
536
538

FIG. 5C

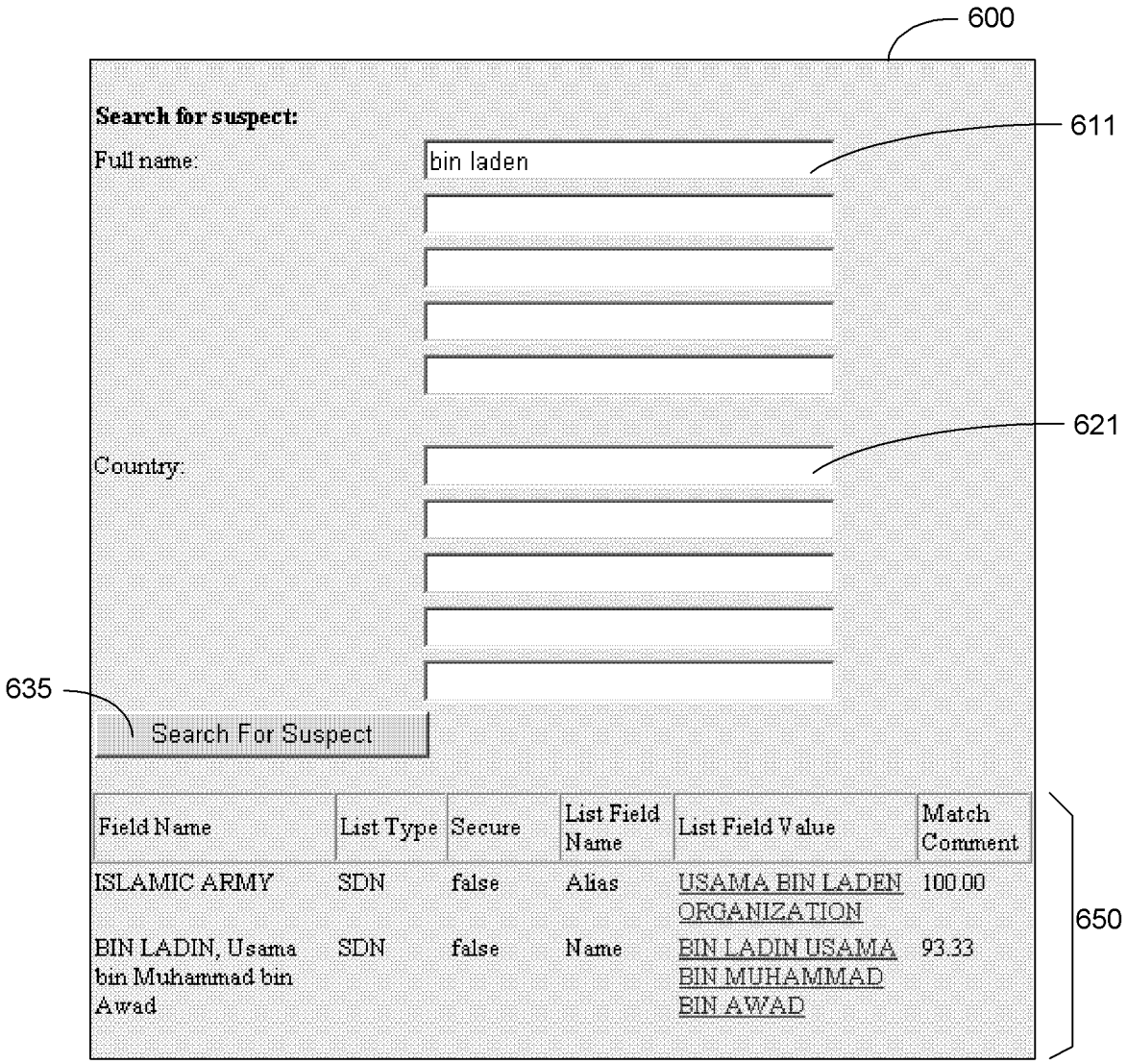
600
Search for suspect:
Full name:
bin laden
611
621
Country:
635
Search For Suspect
Field Name
List Type
Secure
List Field Name
List Field Value
Match Comment
ISLAMIC ARMY
SDN
false
Alias
USAMA BIN LADEN ORGANIZATION
100.00
BIN LADIN, Usama bin Muhammad bin Awad
SDN
false
Name
BIN LADIN USAMA BIN MUHAMMAD BIN AWAD
93.33
650

FIG. 6